

1 AN ACT concerning the environment.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 5. The Environmental Protection Act is amended by  
5 adding Section 14.7 as follows:

6 (415 ILCS 5/14.7 new)

7 Sec. 14.7. Preservation of community water supplies.

8 (a) The Agency shall adopt rules governing all corrosion  
9 prevention projects carried out on community water supplies.

10 Those rules shall include:

11 (1) standards for ensuring that community water  
12 supplies carry out corrosion prevention and mitigation  
13 methods according to corrosion prevention industry  
14 standards adopted by the Agency;

15 (2) requirements that community water supplies use  
16 industry trained and certified:

17 (A) protective coatings personnel to carry out  
18 corrosion prevention and mitigation methods on any  
19 type of substrate or surface, including, but not  
20 limited to, concrete and steel; and

21 (B) inspectors to ensure that best practices and  
22 standards are adhered to on each corrosion prevention  
23 project; and

1           (3) standards to prevent environmental degradation  
2           that might occur as a result of carrying out corrosion  
3           prevention and mitigation methods, including, but not  
4           limited to, standards to prevent the improper handling and  
5           containment of hazardous materials, especially lead paint,  
6           removed from the interior or exterior of a community water  
7           supply;

8           In adopting rules under this subsection (a), the Agency  
9           shall obtain input from corrosion industry experts  
10           specializing in the training and certification of personnel to  
11           carry out corrosion prevention and mitigation methods.

12           (b) As used in this Section:

13           "Community water supply" has the meaning ascribed to that  
14           term in Section 3.145 of this Act.

15           "Corrosion" means a naturally occurring phenomenon  
16           commonly defined as the deterioration of a material (usually a  
17           metal) that results from a chemical or electrochemical reaction  
18           with its environment.

19           "Corrosion prevention and mitigation methods" mean:

20           (1) the preparation, application, installation,  
21           removal, or general maintenance as necessary of a  
22           protective coating system, including any or more of the  
23           following:

24           (A) surface preparation and coating application on  
25           the exterior or interior of a community water supply;

26           (B) removal of a lead-based or other hazardous

1 coating from a community water supply;

2 (C) shop painting of structural steel fabricated  
3 for installation as part of a community water supply;

4 or

5 (D) installation of any polymer coating or  
6 surfacing on any concrete, or other cementitious  
7 substrate, that is a part of a community water supply;

8 and

9 (2) any other activities that are (i) related to  
10 corrosion prevention, such as cathodic protection, of a  
11 community water supply and (ii) determined by the Agency to  
12 require industry trained and certified personnel to carry  
13 out.

14 "Corrosion prevention project" means carrying out  
15 corrosion prevention and mitigation methods.

16 "Industry trained and certified" means having  
17 documentation that is recognized by the United States  
18 Department of Labor and that shows either:

19 (1) an individual's prior completion of, or current  
20 enrollment in for at least the entire duration of a  
21 corrosion prevention project on the community water  
22 supply, a United States Department of Labor certified  
23 apprenticeship training program that requires concurrent  
24 on-the-job training and classroom instruction for an  
25 individual to be considered adequately knowledgeable to  
26 carry out corrosion prevention and mitigation methods; or

1           (2) an individual's receipt from a corrosion  
2           prevention industry credentialing organization, whose  
3           standards for corrosion prevention and mitigation methods  
4           are recognized by the Agency, of confirmation that the  
5           individual is adequately trained to carry out corrosion  
6           prevention and mitigation methods or inspections.

7           Section 10. The Illinois Highway Code is amended by adding  
8           Section 4-106 as follows:

9           (605 ILCS 5/4-106 new)

10          Sec. 4-106. Preservation of bridge infrastructure.

11          (a) The Department shall adopt rules governing all  
12          corrosion prevention projects carried out on eligible bridges.  
13          The rules shall include:

14           (1) a process for ensuring that corrosion prevention  
15           and mitigation methods are carried out according to  
16           corrosion prevention industry standards adopted by the  
17           Department for eligible bridges that include the use of  
18           industry trained and certified:

19           (A) protective coatings personnel to carry out  
20           corrosion prevention and mitigation methods on any  
21           type of substrate or surface, but especially concrete  
22           and steel; and

23           (B) inspectors to ensure best practices and  
24           standards are adhered to on a corrosion prevention

1 project;

2 (2) a plan to prevent environmental degradation that  
3 could occur as a result of carrying out corrosion  
4 prevention and mitigation methods including the careful  
5 handling and containment of hazardous materials,  
6 especially lead paint; and

7 (3) consulting and interacting directly with, for the  
8 purpose of approving industry trained and certified  
9 personnel, corrosion industry experts specializing in the  
10 training and certification of personnel to carry out  
11 corrosion prevention and mitigation methods.

12 (b) In this Section:

13 "Corrosion" means a naturally occurring phenomenon  
14 commonly defined as the deterioration of a material (usually a  
15 metal) that results from a chemical or electrochemical reaction  
16 with its environment.

17 "Corrosion prevention and mitigation methods" mean:

18 (1) the preparation, application, installation,  
19 removal, or general maintenance as necessary of a  
20 protective coating system including the following:

21 (A) surface preparation and coating application on  
22 an eligible bridge;

23 (B) removal of a lead-based or other hazardous  
24 coating from an eligible bridge;

25 (C) shop painting of structural steel fabricated  
26 for installation as part of an eligible bridge; and

1           (2) any other activities related to corrosion  
2           prevention, such as cathodic protection, on eligible  
3           bridges determined by the Department that require industry  
4           trained and certified personnel to carry out.

5           "Corrosion prevention project" means carrying out  
6           corrosion prevention and mitigation methods during  
7           construction, alteration, maintenance, repair work, or at any  
8           other time necessary on an eligible bridge.

9           "Eligible bridge" means a bridge or overpass the  
10           construction, alteration, maintenance, or repair work on which  
11           is funded, directly or indirectly, by a municipality, a  
12           public-private partnership, the State, the federal government,  
13           or some combination thereof.

14           "Industry trained and certified" means documentation, as  
15           recognized by the United States Department of Labor, showing  
16           either:

17           (1) an individual's prior completion of, or current  
18           enrollment in for at least the entire duration of a  
19           corrosion prevention project on an eligible bridge, a  
20           United States Department of Labor certified apprenticeship  
21           training program that requires concurrent on-the-job  
22           training and classroom instruction for an individual to be  
23           considered adequately knowledgeable to carry out corrosion  
24           prevention and mitigation methods; or

25           (2) an individual's receipt from a corrosion  
26           prevention industry credentialing organization, whose

1       standards for corrosion prevention and mitigation methods  
2       are recognized by the Department, of confirmation that the  
3       individual is adequately trained to carry out corrosion  
4       prevention and mitigation methods or inspections.